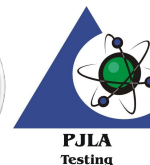




Mission Mountain Laboratories. Inc.

82892 US Hwy 93
Ravalli, MT 59863
Phone: 406-726-5227
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Accreditation #86228

Certificate of Analysis

Order ID: 2307275795

Lab Sample #: 43723429

Receive Date: 07/27/2023 12:35PM

Report ID: #20070

Sample Description: TNF, Outkast, TNFailure

Receive Condition: Good
Sample Lot #: 2307138 **Storage Condition:** Ambient
Tab/Cap Weight: 9.9 g

Chemical Analysis	Result	Specification	Analyst	Date	Method
Beta Alanine	2066.4 mg/serving	NLT 2,000 mg/serving	Emily Woodward	08/01/2023	MML170.08
Betaine Anhydrous	2724.8 mg/serving	NLT 2,500 mg/serving	Emily Woodward	07/31/2023	MML170.07.37
*Caffeine	215.8 mg/serving	NLT 215 mg/serving	Allista Vetter	07/28/2023	MML170.05.01
Citicoline	165.4 mg/serving	NLT 150 mg/serving	Allista Vetter	07/28/2023	MML170.05.01
Huperzine A	20.2 mg/serving	NLT 20 mg/serving	Allista Vetter	07/28/2023	MML170.07.15
Tyrosine	2573.8 mg/serving	NLT 2,500 mg/serving	Emily Woodward	07/31/2023	MML170.08

Method References

Method # MML170.08

Desc Amino Acids

Instrument HPLC

Reference Waters AccQ-Tag Method, Manual Number WAT052874, Rev 0 April 1993 (Modified)

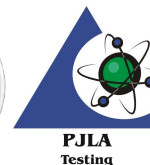
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Print Date: 08/01/2023



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Dynamic Technical Formulations

785 Goddard Ct.
Aplharetta, GA
30005

Order ID: 2307275795

Lab Sample #: 43723429

Receive Date: 07/27/2023 12:35PM

Report ID: #20070

Method # MML170.07.37

Desc Betaine/Trimethylglycine

Instrument HPLC, ELSD

Reference Insook Rhec and Ki-Jung Paeng. "Simulatneous determination of betaine and choline using derivitization by HPLC with UV detection." Analytical Science and Technology. Vol 28 No.2, 112-116, 2015

Method # MML170.05.01

Desc Vitamin B Alpha

Instrument HPLC

Reference Sather, K and Vernig, T. Determination of Caffeine and Vitamin B6 in Energy Drinks by HPLC Concordia College Journal of Analytical Chemistry 2 (2011), 84-91

Method # MML170.07.15

Desc Bioflavonoids

Instrument HPLC

Reference Phani et al. Quantitative Analysis of Quercetin in Natural Sources by RP-HPLC Int. J. of Res. In Pharm. And Biomed. Sci. Jul - Sep 2010, Vol. 1 (1) 19-22

Approval

Approved By:

Amanda Ehman

Amanda Ehman
Quality Officier
Authorized Reviewer

Approved Date: 08/01/2023

Laboratory Location: 82892 US Hwy 93 N, Ravalli, MT 59863

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